

Amendments to the Claims

Please cancel claims 21-122 without prejudice.

The following listing of claims will replace all prior versions and/or listings of claims in the application:

Listing of Claims:

1. (original): A bone fastener assembly, comprising:
a collar;
a ring coupled to the collar, wherein the ring comprises two or more seats;
a bone fastener comprising a shank, a head, and two or more splines on the head of the bone fastener, wherein at least one of the splines is configured to couple to at least one of the seats to inhibit separation of the bone fastener from the collar; and
wherein the ring is configured to allow polyaxial movement of the collar relative to the shank.
2. (original): The bone fastener assembly of claim 1, wherein the two or more splines are distributed circumferentially about the head of the bone fastener.
3. (original): The bone fastener assembly of claim 1, wherein the head of the bone fastener comprises three splines.
4. (original): The bone fastener assembly of claim 1, wherein the collar is configured so that the ring can be inserted into the collar between two arms of the collar, and wherein removal of the ring from the collar is inhibited after the ring is coupled to the collar.
5. (original): The bone fastener assembly of claim 1, wherein the collar is configured so that the ring can be inserted into the collar through a bottom of the collar, and wherein removal of the

ring from the collar is inhibited after the ring is coupled to the collar.

6. (original): The bone fastener assembly of claim 1, wherein the ring is configured to compress during insertion of the ring in a body of the collar, and wherein the compressed ring is configured to expand in the body of the collar after insertion to inhibit removal of the ring from the collar.

7. (original): The bone fastener assembly of claim 1, wherein at least one of the splines is configured to couple with an inner surface of the ring to inhibit removal of the head from the ring.

8. (original): A bone fastener assembly, comprising:

a collar;

a ring coupled to the collar, wherein the ring comprises two or more grooves and two or more seats;

a bone fastener comprising a shank, a head, and two or more splines on the head of the bone fastener, wherein the splines are configured to pass at least partially through the grooves in the ring, and wherein at least one of the splines is configured to couple to at least one of the seats to inhibit separation of the bone fastener from the collar; and

wherein the ring is configured to allow polyaxial movement of the collar relative to the shank.

9. (original): The bone fastener assembly of claim 8, wherein the two or more splines are distributed circumferentially about the head of the bone fastener.

10. (original): The bone fastener assembly of claim 8, wherein the head of the bone fastener is configured to pass through a bottom of the collar, wherein the two or more splines are configured to pass through the two or more grooves, and wherein the bone fastener is configured to be rotated and positioned in the two or more seats of the ring.

11. (original): The bone fastener assembly of claim 8, wherein the head of the bone fastener comprises three splines.
12. (original): The bone fastener assembly of claim 8, wherein at least one of the splines is configured to couple with an inner surface of the ring to inhibit removal of the head from the ring.
13. (original): A bone fastener, comprising:
a head and a shank;
two or more splines on the head of the bone fastener, wherein at least one of the splines is configured to couple the bone fastener to a ring in a collar; and
wherein the bone fastener is configured to be inserted head first through an opening in the ring, rotated relative to the ring, and seated in the ring.
14. (original): The bone fastener of claim 13, wherein the two or more splines are distributed circumferentially about the head of the bone fastener.
15. (original): The bone fastener of claim 13, wherein the bone fastener is cannulated.
16. (original): The bone fastener of claim 13, wherein the head of the bone fastener comprises three splines.
17. (original): The bone fastener of claim 13, wherein at least one of the splines is configured to couple with an inner surface of the ring to inhibit removal of the head from the ring.
18. (original): The bone fastener of claim 13, wherein at least one of the splines comprises a projection configured to couple with the ring to inhibit removal of the head from the ring.
19. (original): The bone fastener of claim 13, wherein at least one of the splines is tapered.

20. (original): The bone fastener of claim 13, wherein an inner surface of the ring comprises two or more grooves, and wherein the grooves are configured to allow passage of the two or more splines.

21-122. (cancelled)